



CAMPUS PLANNING, DEVELOPMENT & MAINTENANCE OFFICE

UNIVERSITY OF THE PHILIPPINES MANILA

The Health Sciences Center

P. Faura Street, Ermita, Manila Tel. No. 525-2233 Telefax No. 526-8420

CPDMO



U.P. MANILA

BILL OF QUANTITIES - BID PROPOSAL FORM

PROJECT TITLE : COMPLETION OF SPORTS AND WELLNESS CENTER
University of the Philippines - Manila

NAME OF BIDDER : _____

ADDRESS : _____

CONTACT NO(S). : _____

TOTAL LUMP SUM BID : _____

PhP _____



CPDMO10003589

ITEM	QTY.	UNIT(S)	DESCRIPTION(S)	UNIT COST	TOTAL COST
1.00	GEN. REQ'Ts. / SITEWORKS				
	Mobilization/Demobilization				
	1.00	lot	Mobilization & Demobilization	PhP _____	PhP _____
			Sub-Direct Cost		PhP _____
	Temporary Facilities				
	1.00	lot	Scaffolding, warehouse, board ups, canvass/ temporary covering and safety signages	PhP _____	PhP _____
			Sub-Direct Cost		PhP _____
	Utilities				
	1.00	lot	Temporary water/power utilities	PhP _____	PhP _____
			Sub-Direct Cost		PhP _____
	Permits and Licences				
	1.00	lot	Government permits and Engineering Licenses	PhP _____	PhP _____
			Sub-Direct Cost		_____
	Health and Safety				
	1.00	lot	Personal Protective Equipment (Hard hat, gloves, face mask, harness, etc.)	PhP _____	PhP _____
			Sub-Direct Cost		PhP _____
			TOTAL GEN. REQ'Ts. / SITEWORKS		PhP _____
2.00	CIVIL/STRUCTURAL WORKS				
	Concreting for Front side				
	16.25	cu.m.	Concrete (3000 psi)	PhP _____	PhP _____
	347.82	kg/s	10 mm dia reinforcement bar space @ 400mm both ways	_____	_____
	6.00	l.m.	Trench drain	_____	_____
			Sub-Direct Cost (including labor)		PhP _____
	Sidewalk				
	10.90	cu.m.	Excavation	PhP _____	PhP _____
	8.17	cu.m.	Backfilling	_____	_____
	54.48	sqm	Compaction	_____	_____
	5.45	cu.m.	Gravel Fill	_____	_____
	8.17	cu.m.	Reinforced Concrete (4000 psi)	_____	_____
			Sub-Direct Cost (including labor)		PhP _____
	Steel works (faculty room framing)				
	14.00	pc(s)	ST 2" x 3" x 3/16" x 6m	PhP _____	PhP _____
	8.00	pc(s)	ST 2" x 6" x 3/16" x 6m	_____	_____
	1.00	lot	Miscellaneous (Acetelene/ welding, etc.)	_____	_____
			Materials Cost	_____	_____
			Labor Cost	_____	_____
			Sub-Direct Cost		PhP _____
	Roof Sheets				
	465.47	sqm	Dismantling of existing roofing sheets	PhP _____	PhP _____
	465.47	sqm	Polycarbonate roofing sheets (re-furbished/re-install)	_____	_____

2,310.00	pc(s)	Textscrew				
1.00	lot	new framing for polycarbonate roof sheets				
		Sub-Direct Cost (including labor)			PhP	
		Trusses				
95.00	pc(s)	Ga. # 14 2" x 6" Z-Purlins	PhP		PhP	
114.00	pc(s)	75mmø x 6.00m Ga # 24 G.I. pipe				
190.00	pc(s)	50mmø x 6.00m Ga # 24 G.I. pipe				
3.00	pc(s)	3" x 3" x 6.00m Angular Bar (Cleats)				
35.00	pc(s)	12mmø x 6.00m Sag rods				
1.00	lot	Miscellaneous (Acetelene/ welding, etc.)				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost			PhP	
		Additional roofing materials				
465.47	l.m.	Ga # 24 Pre-painted G.I.sheets (eff. width 1.07m)	PhP		PhP	
48.60	l.m.	Ga # 26 Plain G.I. sheets (Pre-painted)				
96.00	l.m.	End flashings				
19.00	pc(s)	2" x 4" x 3/16" x 6m thick Tubular pipe				
1.00	lot	Hardware Accessories				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost			PhP	
		Access Stair & Railing				
4.00	pc(s)	ST 2" x 6" x 1/4" (L: 6m)	PhP		PhP	
9.00	pc(s)	3" x 3" x 6.00m Angular Bar				
9.00	pc(s)	2" x 2" x 6m tubular steel painted black				
1.00	pc(s)	4" x 8" x 12mm base plate				
24.00	pc(s)	12mm dia. bolt				
19.00	pc(s)	3/8" x 6m square bar painted black				
4.00	pc(s)	4" x 8" x 12mm Bio-composite board				
7.15	sqm	3mm thick vinyl tiles				
1.00	lot	Miscellaneous (Acetelene/ welding, etc.)				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost			PhP	
		Canopy				
90.34	sqm	15mm thk Bio-composite board	PhP		PhP	
102.90	sqm	12mm thk Bio-composite board				
51.40	l.m.	Ga # 26 Plain G.I. sheets (Pre-painted)				
57.50	l.m.	End flashings				
51.50	sqm	Waterproofing with concrete topping				
		Sub-Direct Cost (including labor)			PhP	
		Canopy Framing				
52.00	pcs	ST 2" x 3" x 3/16" Purlins	PhP		PhP	
13.00	pcs	ST 2" x 6" x 3/16" Purlins				
62.00	pcs	2" x 2" x 1/4" Angle bar				
79.00	pcs	200mm x 200mm x 12mm Base plate				
30.00	pcs	16mmø 6" Expansion bolt				
296.00	pcs	12mmø 6" Expansion bolt				
1.00	lot	Welding, acetelyne, etc				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost				
		Entrance Stair				
1.80	cu.m.	Backfill	PhP		PhP	
3.60	sqm.	Masonry (6" CHB) plastered and painted finish				
0.54	cu.m.	Concreting (4000 psi)				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost			PhP	
		PWD Ramp				
5.48	cu.m.	Backfill	PhP		PhP	
3.65	sqm.	Masonry (6" CHB) plastered and painted finish				
1.85	cu.m.	Concreting (4000 psi)				
8.20	l.m.	Stainless Handrail (0.83 H)				
		Materials Cost				
		Labor Cost				
		Sub-Direct Cost			PhP	
12.00	set(s)	4.70m x 0.60m Louvered Panels Eight (8) equal panels in 2" x 4" metal tube in	PhP		PhP	

2.00	set(s)	black paint finish 2.35m x 0.60m Louvered Panels Four (4) equal panels in 2" x 4" metal tube in black paint finish		
1.00	assy.	Catwalk for condensing unit of ACCU's 2- 8.00m (L) x 1.20m (W) catwalk 1-1/2" Flat Bar 2" x 2" Square Tube 2" x 2" x 1/8" Angular Bar 3/8" Square Bar 2" x 4" Metal Tube 12mm dia. Round Bar		
1.00	lot	Dismantling and relocation of existing metal railing (to be refurbished as sidewalk railing)		
3.00	set(s)	Supply and installation of insect screen(2.5m x 1.2m)		
1.00	lot	ACCU's Aluminum Grilles		

Sub-Direct Cost (Including labor)

PhP _____

TOTAL CIVIL/STRUCTURAL WORKS

PhP _____

3.00 ARCHITECTURAL WORKS

Doors

2.00	set(s)	(D-1) 1.80m (W) x 2.40m (H) Double Panel Steel Flush Door Double Panel Steel Flush Door w/ steel jamb, stainless vertical pull handle, stainless butterfly ball bearing hinges, door closer and lock cylinder (one side cylinder, one side knob)	PhP _____	PhP _____
1.00	set(s)	(D-2) 0.90m (W) x 2.10m (H) Single Panel Fire Rated Steel Door Galvanize sheet GA#18, Jamb GA#16 complete w/ panic device rated as BS476 w/ door closer powder coated finish		
3.00	set(s)	(D-3) 0.90m (W) x 2.10m (H) Flush Door w/ Viewing Glass Solid Core HDF, Laminated w/ PVC & Melamine sheets complete with lever type door lockset and 6 mm tempered viewing glass.		
3.00	set(s)	(D-4) 0.65m (W) x 2.10m (H) Flush Door w/ Louver Solid Core HDF, Laminated w/ PVC & Melamine sheets complete with lever type door lockset and wood louver.		
1.00	set(s)	(D-5) 0.90m (W) x 2.10m (H) Steel Flush Door Galvanize sheet GA#18, Jamb GA#16 complete w/ lever type door handle w/ door closer powder coated finish		
3.00	set(s)	(G-1) 3.04m (W) x 3.40m(H) Double Steel Gates Wrought iron grills complete with gate bolt, heavy duty hinges, black paint finish.		
1.00	set(s)	(G-2) 2.28m (W) x 2.10m(H) Steel Gates Wrought iron grills complete with gate bolt, heavy duty hinges, black paint finish.		

Sub-Direct Cost (Including labor)

PhP _____

Windows

1.00	set(s)	(W-1) 4.50m (W) x 1.20m (H) Steel Casement Window 6mm thick clear tempered glass on steel casement frame painted finish	PhP _____	PhP _____
4.00	set(s)	(W-2) 0.80m (W) x 2.10m (H) Awning Window 6mm thk. tempered glass on aluminum powder coated frame		
2.00	set(s)	(W-3) 0.80m (W) x 0.60m (H) Awning Window		

		6mm thk. tempered glass on aluminum powder coated frame		
1.00	set(s)	(W-4) 2.50m (W) x 1.20m (H) Swing Type Window 6mm thk. tempered glass on aluminum powder coated frame	_____	_____
9.00	set(s)	(W-5A) 5.74m (W) x 2.20m (H) Awning Window (24 Panels) 6mm thk. tempered glass on aluminum powder coated frame	_____	_____
9.00	set(s)	(W-5B) 5.74m (W) x 2.20m (H) Refurbishing/modification of existing mesh barrier	_____	_____
2.00	set(s)	(W-6) 7.41m (W) x 2.99m (H) Manually Operated Louver Panels Metal Fabricated frame using 1-3/4" x 4" and 1-3/4" x 6" painted finished, w/ aluminum weather strip Blades: extruded aluminum hollow blades w/ co-extruded santoprene weatherseal.	_____	_____
9.00	set(s)	(W-7) 5.74m (W) x 2.20m (H) Manually Operated Louver Panels Metal Fabricated frame using 1-3/4" x 4" and 1-3/4" x 6" painted finished, w/ aluminum weather strip Blades: extruded aluminum hollow blades w/ co-extruded santoprene weatherseal.	_____	_____
2.00	set(s)	(W-7.10) 7.41m (W) x 2.20m (H) Manually Operated Louver Panels Metal Fabricated frame using 1-3/4" x 4" and 1-3/4" x 6" painted finished, w/ aluminum weather strip Blades: extruded aluminum hollow blades w/ co-extruded santoprene weatherseal.	_____	_____
3.00	set(s)	(W-8) 2.00m (W) x 1.20m (H) Sliding Window 6mm thk. Tempered clear glass on aluminum powder coated frame	_____	_____
1.00	set(s)	(W-9) 2.00m (W) x 1.20m (H) Fixed View Window 6mm thk. Tempered clear glass on aluminum powder coated frame	_____	_____

Sub-Direct Cost (Including labor)

PhP _____

Partition Works

99.83	sqm	6" thick CHB Wall w/ 12mm dia. reinforcing bar plastered, puttied, sanded and painted finish	PhP _____	PhP _____
21.87	sqm	4" thick CHB Wall w/ 12mm dia. reinforcing bar plastered, puttied, sanded and painted finish	_____	_____
83.16	sqm	12mm thk fiber board, 150mm thk wall on metal stud framing, painted finish	_____	_____
4.00	set(s)	(OPW-01) Opening H=2.10m, W=5.74m writable surface white w/ door access within a panel	_____	_____
2.00	set(s)	(OPW-02) Opening H=2.70m, W=7.40m writable surface white	_____	_____
2.00	set(s)	(OPW-03) Opening H=2.10m, W=7.40m writable surface white	_____	_____
2.00	set(s)	(OPW-03.10) Opening H=2.10m, W=5.74m writable surface white	_____	_____
5.00	set(s)	(OPW-04) Opening H=2.10m, W=7.40m writable surface white w/ door access within a panel	_____	_____

Sub-Direct Cost (Including labor)

PhP _____

Wall Finish

230.00	pc(s)	Wood-Plastic Composite Cladding outdoor panel. 180mm x 25mm (Shade: Iron Box).	PhP _____	PhP _____
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162.00	lm	Perimeter nailer and studs			
28.00	lm	Perimeter edging			
1.00	lot	Miscellaneous and Consumables			
			Materials Cost		
			Labor Cost		
			Sub-Direct Cost		PhP
28.80	sqm	600mm x 600mm porcelain tiles	PhP		PhP
703.14	sqm	9mm thick biocomposite board on metal furring provide 25mm drip mould.			
11.00	set(s)	(SGW-01) Sliding Framed Glass Wall 10mm thick clear tempered glass on uPVC frame, C/W guide rail, guide track and lock system, Dim: 5.74mm(W) x 2.10mm(H)			
2.00	set(s)	(SGW-02) Sliding Framed Glass Wall 10mm thick clear tempered glass on uPVC frame, C/W guide rail, guide track and lock system, Dim: 7.41mm(W) x 2.10mm(H)			
		Sub-Direct Cost (including labor)			PhP
Ceiling Works					
77.50	sqm	Faculty room 600mm x 600mm Bio-Composite Board on T-Runner			
75.20	sqm	Ground Floor Bio-Composite Board on Metal Furring puttied, sanded and painted finished.			
		Sub-Direct Cost (including labor)			PhP
Tiling / Flooring Works					
309.90	sqm	FF-01 Leveling compound (3mm thk)	PhP		PhP
3,788.00	pc(s)	300mm x 300mm 3mm thk homogeneous vinyl tiles			
3,788.00	pc(s)	Installation cost including adhesive and miscellaneous			
597.00	sqm	FF-02 Leveling compound (3mm thick)			
597.00	sqm	2m x 23m x 2mm thk rolled vinyl sheets			
13.00	roll/s	Welding rod			
597.00	sqm	Installation cost including adhesive and miscellaneous			
427.50	sqm	FF-03 Leveling compound (3mm thk)			
427.50	sqm	Heterogeneous Compact Indoor Sports Flooring 2m x 20m x 5mm thick			
427.50	sqm	Installation cost including adhesive and miscellaneous			
547.93	sqm	FF-04 Leveling compound (3mm thk)			
547.93	sqm	Heterogeneous Compact Indoor Sports Flooring 2m x 20m x 8.3mm thick			
547.93	sqm	Installation cost including adhesive and miscellaneous			
160.70	sqm	FF-05 Self Leveling Epoxy Non-Slip, High Traffic floor finish			
160.70	sqm	Labor cost for application			
1,209.00	pc(s)	FF-06 600mm x 600mm Porcelain Tiles			
87.00	bag(s)	Tile Adhesive (25 kg)			
109.00	bag(s)	Tile Grout (2kg)			
395.90	sqm	Labor cost for application			
160.20	sqm	FF-07 Rubber Flooring 1" x 2' x 2'			
199.40	sqm	FF-08 1.3mm thk Rolled-out vinyl marley surface on 12mm thick bio-composite board.			
74.74	sqm	Concrete pavers			
82.21	sqm	12mm thick bio-composite board on close-cell polyethylene foam cube, cut from sheets			
2,110.24	bd. ft.	Sprung flooring system using 2" x 4" kiln dried woods with Polythelyn vapor barrier sheet			
		Sub-Direct Cost (including labor)			PhP